

The Stryker “Reconnaissance Vehicle”

The Reconnaissance Vehicle (RV) is but one of 10 configurations that make up the Stryker family of vehicles. The RV is designed to support the “see first” mission requirements of the reconnaissance, surveillance, and target acquisition (RSTA) squadron and infantry battalion scouts. It carries a crew of seven — two vehicle crewmembers, four scouts, and one augmentee.

The RV is equipped with the full-range command, control, communication, computer intelligence, surveillance, and recon-

speeds up to 60 mph and has a cruising range of 330 miles. It incorporates a vehicle height management system that allows the vehicle to raise and lower its elevation for C130 loading. The RV has a cupola configuration, by which the vehicle commander controls the actions of his squad and employs the mission equipment package, the long-range advance surveillance system, into operation. The RV is armed with either a MK-19 automatic grenade launcher or an M2 .50-cal machine gun, and the M6 countermeasure grenade launcher. The RV increases crew survivability through its 14.5mm armor and has the capability of adding rocket propelled grenade add-on armor protection.

The RV is C130 transportable, and because it is significantly lighter and more transportable than existing tanks and other armored vehicles, the RV is strategically and tactically deployable and capable of intra-theater deployment by ground, sea, or air transport.



naissance (C4ISR) suite. The C4ISR communications suite integrates the single-channel ground and air radio systems family, the enhanced position location reporting system, the force battle command brigade and below, and the global positioning system.

The RV is powered by a Caterpillar 350-horsepower diesel engine and an Allison transmission. The RV runs on eight wheels that have a run-flat capability and a central tire inflation system. It is capable of



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